

Table 1**State government R&D and R&D facilities expenditures: FYs 2019–20**

(Thousands of current dollars)

Characteristic	FY 2019	FY 2020	% change
All R&D and R&D plant expenditures	2,422,334	2,454,768	1.3
All R&D plant expenditures	10,291	9,787	-5.1
All R&D expenditures	2,412,043	2,444,981	1.3
Source of funds			
Federal government	560,856	607,789	7.7
State government and other nonfederal sources	1,851,187	1,837,193	-0.8
Performer			
Intramural ^a	657,808	692,719	5.0
Extramural	1,754,235	1,752,262	-0.1
Higher education institutions	1,028,931	951,572	-8.1
Companies and individuals	437,131	459,984	5.0
Other	288,173	340,706	15.4
Intramural, by type of R&D			
Basic research	110,556	129,980	14.9
Applied research	524,336	523,350	-0.2
Experimental development	22,916	39,389	41.8
R&D project, by government function			
Agriculture	136,997	142,105	3.6
Energy	323,077	390,827	17.3
Environment and natural resources	440,270	448,510	1.8
Health	1,081,355	1,027,757	-5.2
Transportation	260,025	279,443	6.9
Other ^b	170,320	156,339	-8.9

^a Intramural performers include employees within the same state department or agency and services performed by others in support of internal R&D projects.

^b Includes government functions for corrections, criminal justice, education, forensic sciences, labor, public safety, and social services.

Note(s):

R&D plant includes acquisition of land, facilities, major equipment, and major building renovations intended primarily for R&D use. Detail may not add to total because of rounding.

Source(s):

National Center for Science and Engineering Statistics, Survey of State Government Research and Development.